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CITY OF ALBUQUERQUE RFB2006-133-SB
4-TON VIBRATORY ASPHALT COMPACTOR WITH TRAILER
TOM GROWNEY EQUIPMENT

AGENCY: _____
DEPARTMENT: _____
DIVISION: _____
REQUISITION #: _____ PO #: _____

DESCRIPTION: 4-Ton Vibratory Asphalt Compactor with Trailer COMPACTOR MAKE/MODEL: Dynapac CC142
VENDOR: Tom Growney Equipment TRAILER MAKE/MODEL: Towmaster T24
BASE COST PER UNIT: \$ 59,664.39

STANDARD SPECIFICATIONS

1. Drum Rollers
 - 1.1. Drum Rollers shall be a nominal diameter of 30-inches with a nominal 0.5-inch thick shell, with a nominal width of 50-inches.
 - 1.2. Propulsion shall be a closed loop hydrostatic parallel circuit to drums.
 - 1.3. Equip drums with spring loaded self-adjusting neoprene wipers.
 - 1.4. Centrifugal force shall be a minimum of 7,200 pounds force per drum.
2. Propulsion
 - 2.1. Roller shall be equipped with a turbo diesel engine rated at a nominal 45HP.
 - 2.2. The electrical system shall be a 12-volt DC negative ground.
 - 2.3. Include a fuel tank with a nominal capacity of 13 gallons.
 - 2.4. Nominal speed shall be 0 to 6 mph.
 - 2.5. Roller gradeability shall be 38 percent.
 - 2.6. Instrumentation shall include fuel gauge; hour meter, hydraulic oil indicator, engine oil pressure light, engine water pressure gauge, brake on light and buzzer, tachometer, and all equipped with lockable steel instrumentation cover.
3. Lights
 - 3.1. Roller shall be equipped with four-way flasher lights and traffic lights front and rear and working lights front and rear.
4. Water System
 - 4.1. Pump shall be a pressurized electric diaphragm pump with a variable flow of 0 to 1.75 GPM with a tank capacity of a minimum of 50 gallons.
 - 4.2. There will be a 100-mesh screen at the nozzles and an 80 mesh in line.
 - 4.3. Three hand serviceable nozzles per drum.
5. Brakes
 - 5.1. Dynamic hydro-static braking through drums.
 - 5.2. The parking/secondary brakes shall be spring applied hydraulic release brake at each drum.
6. Steering
 - 6.1. Center-point articulated with a double acting piston +/-28 degree with a turning radius of 169 inches.
 - 6.2. Standard features shall include:
 - 6.2.1. ROPS and seat belt.
 - 6.2.2. ROPS shall include a canopy.
 - 6.2.3. One operator seat
 - 6.2.4. Back up alarm meeting OSHA requirements.
7. Trailer
 - 7.1. Trailer shall be rated for carrying the roller and the weight of the trailer at a minimum of 15,000 pounds live load.
 - 7.2. Hitch shall be an adjustable heavy-duty 3-inch id pintle type from 22-½-inch to 36-inch height.
 - 7.3. Deck length shall be adequate to mount the roller at a 30 percent grade.
 - 7.4. Brake system shall be a full air brakes with ABS.
 - 7.5. Trailer shall have a minimum of six (6) tiedowns of 1-inch forged D-rings.
 - 7.6. Deck height shall be a nominal height of 32 inches.
 - 7.7. Deck shall be 2-inch treated oak.
 - 7.8. Wheels shall be budd type and rated to carry a minimum load of 24,000 pounds.
 - 7.9. Tires shall be rated to carry minimum of 24,000 pounds.
 - 7.10. Trailer shall meet DOT requirements for lighting and markings.

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- 7.11. Lighting shall be sealed beam and flush/shock mounted.
- 7.12. Wheels shall be equipped with mudflaps.
- 7.13. Provide one (1) 25,000 pound dual speed parking jack.
- 7.14. Wiring shall be sealed modular harness with circuit breakers.
- 7.15. Finish shall be acid etched undercoated, prime and painted white.

8. Training

- 8.1. Vendor shall supply all manufacturer's manuals and provide up to a maximum of 8 hours of training in the Albuquerque Metro Area.

9. Warranty

- 9.1. Compactor: 5-year/7,500 hour full machine warranty. No deductible.
- 9.2. Trailer: 12-Month bumper-to-bumper warranty. No deductible.

COST PER UNIT	\$	<u>59,664.39</u>
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QUANTITY	<u> </u>
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TOTAL COST	\$	<u> </u>
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